

=> s 19 and expression

L10 2 L9 AND EXPRESSION

=> d 19 1-3 ti py au kwic

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

TI Identification of gene expression profiles in rat ears with cDNA microarrays

PY 2003

AU Lin, Jizhen; Ozeki, Masashi; Javel, Eric; Zhao, Zhenfen; Pan, Wei; Schlentz, Eileen; Levine, Samuel

TI Identification of gene expression profiles in rat ears with cDNA microarrays

AB . . . physiol. processes of hearing implicate thousands of mols. acting in harmony; however, their identities are only partially understood. We used cDNA microarrays containing 1,176 genes to identify >150 genes expressed in rat middle and inner ear tissue. Expressed genes covered several. . . and biol. pathways, many of which have previously not been described. Transcription factor genes that were expressed included inhibitors of DNA binding protein (Id). These were localized to the spiral ganglion, organ of Corti and stria vascularis, and they are possibly. . .

ST cDNA microarray gene expression profile rat ear

IT DNA microarray technology

(Atlas rat 1.2 array; identification of gene expression profiles in rat ears with cDNA microarrays)

IT Transcription factors

RL: BSU (Biological study, unclassified); BIOL (Biological study) (IκB (inhibitor of NF-κB), involved in inhibition of cell growth and proliferation; identification of gene expression profiles in rat ears with cDNA microarrays)

IT Calcium channel

RL: BSU (Biological study, unclassified); BIOL (Biological study) (L-type, voltage-dependent; identification of gene expression profiles in rat ears with cDNA microarrays)

IT Neuropeptide Y receptors

RL: BSU (Biological study, unclassified); BIOL (Biological study) (Y5, involved in postsynaptic inhibition; identification of gene expression profiles in rat ears with cDNA microarrays)

IT Transcription factors

RL: BSU (Biological study, unclassified); BIOL (Biological study) (gene Gax, involved in inhibition of cell growth and proliferation; identification of gene expression profiles in rat ears with cDNA microarrays)

IT Gene expression profiles, animal

Rattus
(identification of gene expression profiles in rat ears with cDNA microarrays)

IT Ear

(inner; identification of gene expression profiles in rat ears with cDNA microarrays)

IT Ear

(middle; identification of gene expression profiles in rat ears with cDNA microarrays)

IT Nerve

(neurogenesis, transcription factors involved in; identification of gene expression profiles in rat ears with cDNA microarrays)

IT Cation channel

RL: BSU (Biological study, unclassified); BIOL (Biological study) (proton-gated; identification of gene expression profiles in rat ears with cDNA microarrays)

IT Angiogenesis

(transcription factors involved in; identification of gene expression profiles in rat ears with cDNA microarrays)

IT 50-67-9, Serotonin, biological studies 51-61-6, Dopamine, biological studies 51-84-3, Acetylcholine, biological studies 56-12-2, GABA, biological studies 56-85-9, L-Glutamine, biological studies 9024-58-2,

Glutamic acid decarboxylase 39379-15-2, Neurotensin
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(receptors and/or enzymes involved in biosynthesis of;
identification of gene expression profiles in rat ears with
cDNA microarrays)

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TI Human **glutamic acid receptor**-interaction
protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic
use thereof
PY 2002
IN Mao, Yumin; Xie, Yi
TI Human **glutamic acid receptor**-interaction
protein 1 sequence homolog 75.46 and its **cDNA** and therapeutic
use thereof
AB The invention provides **cDNA** sequences of a novel human
glutamic acid receptor-interaction protein 1
sequence homolog 75.46 (mol. weight 75.46 kDa) cloned from human embryonic
brain. The invention also relates to constructing. . .
ST human protein GRIP17546 **cDNA** sequence; **glutamic**
acid receptor interaction protein 1 homolog 7546
IT Drugs
(GRIP1-75.46 gene or protein products as; human **glutamic**
acid receptor-interaction protein 1 sequence homolog
75.46 and its **cDNA** and therapeutic use thereof)
IT Drug delivery systems
(carriers; human **glutamic acid receptor**
-interaction protein 1 sequence homolog 75.46 and its **cDNA**
and therapeutic use thereof)
IT mRNA
RL: ANT (Analyte); ANST (Analytical study)
(expression detection of GRIP1-75.46; human **glutamic**
acid receptor-interaction protein 1 sequence homolog
75.46 and its **cDNA** and therapeutic use thereof)
IT Gene, animal
RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic
use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study);
BIOL (Biological study); USES (Uses)
(for **glutamic acid receptor**-interaction
protein 1 sequence homolog GRIP1-75.46, of human; human
glutamic acid receptor-interaction protein
1 sequence homolog 75.46 and its **cDNA** and therapeutic use
thereof)
IT cDNA sequences
(for **glutamic acid receptor**-interaction
protein 1 sequence homolog GRIP1-75.46; human **glutamic**
acid receptor-interaction protein 1 sequence homolog
75.46 and its **cDNA** and therapeutic use thereof)
IT Disease, animal
(functional disorder of phosphatidylinositol signal pathway, treatment
using GRIP1-75.46 gene or protein products; human **glutamic**
acid receptor-interaction protein 1 sequence homolog
75.46 and its **cDNA** and therapeutic use thereof)
IT Signal transduction, biological
(functional disorder related to phosphatidylinositol, treatment using
GRIP1-75.46 gene or protein products; human **glutamic**
acid receptor-interaction protein 1 sequence homolog
75.46 and its **cDNA** and therapeutic use thereof)
IT Microarray technology
(gene chip; human **glutamic acid receptor**
-interaction protein 1 sequence homolog 75.46 and its **cDNA**
and therapeutic use thereof)
IT Proteins
RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study,
unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic
use); ANST (Analytical study); BIOL (Biological study); PREP
(Preparation); USES (Uses)
(**glutamic acid receptor**-interaction

protein 1 sequence homolog GRIP1-75.46, of human; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Escherichia coli
Eukaryota
(host; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Brain
(human embryonic, protein GRIP1-75.46 of; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT DNA microarray technology
Drug screening
Gene therapy
Genetic vectors
Human
Molecular cloning
Plasmid vectors
Viral vectors
(human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Primers (nucleic acid)
Probes (nucleic acid)
RL: ARG (Analytical reagent use); DGN (Diagnostic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Antisense oligonucleotides
RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Diagnosis
(mol.; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Antibodies and Immunoglobulins
RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(monoclonal, to protein GRIP1-75.46; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Animal cell line
Animal tissue
(normal or cancerous, GRIP1-75.46 mRNA expression detection in; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Protein sequences
(of glutamic acid receptor-interaction protein 1 sequence homolog GRIP1-75.46; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Antibodies and Immunoglobulins
RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(to protein GRIP1-75.46; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT 478899-85-3P
RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP

(Preparation); USES (Uses)

· (amino acid sequence; human glutamic acid
receptor-interaction protein 1 sequence homolog 75.46 and its
cDNA and therapeutic use thereof)

IT 478899-84-2

RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic
use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study);
BIOL (Biological study); USES (Uses)

· (nucleotide sequence; human glutamic acid
receptor-interaction protein 1 sequence homolog 75.46 and its
cDNA and therapeutic use thereof)

IT 478904-21-1 478904-22-2 478904-23-3 478904-24-4 478904-25-5

478904-26-6

RL: PRP (Properties)

· (unclaimed nucleotide sequence; human glutamic acid
receptor-interaction protein 1 sequence homolog 75.46 and its
cDNA and therapeutic use thereof)

IT 478811-00-6

RL: PRP (Properties)

· (unclaimed sequence; human glutamic acid
receptor-interaction protein 1 sequence homolog 75.46 and its
cDNA and therapeutic use thereof)

L9 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

TI Molecular cloning of cDNA for glutamic acid
receptor of mouse cerebellum

PY 1993
2002
1996

IN Mishina, Masami

TI Molecular cloning of cDNA for glutamic acid
receptor of mouse cerebellum

AB The cDNA for glutamic acid receptor
of mouse cerebellum is cloned, sequenced, and its entire 1464 amino acids
deduced. It can be used for study of.

ST cloning cDNA glutamate receptor mouse cerebellum

IT Gene, animal

RL: BIOL (Biological study)
(cDNA, for glutamic acid receptor
of mouse cerebellum)

IT Protein sequences
(of glutamic acid receptor of mouse
cerebellum)

IT Brain, composition
(cerebellum, mouse, cDNA for glutamic acid
receptor of, cloning of)

IT Deoxyribonucleic acid sequences
(complementary, for glutamic acid receptor
of mouse cerebellum)

IT 147258-43-3, Glutamic acid receptor (mouse
cerebellum clone pAT4)

RL: PRP (Properties); BIOL (Biological study)
(amino acid sequence of and cloning of cDNA for)

IT 152618-81-0, DNA (mouse cerebellum clone pAT4 glutamic
acid receptor cDNA)

RL: PRP (Properties); BIOL (Biological study)
(nucleotide sequence and cloning of)

=> d his

(FILE 'HOME' ENTERED AT 14:08:47 ON 27 JUN 2005)

FILE 'CAPLUS, BIOSIS, MEDLINE' ENTERED AT 14:09:04 ON 27 JUN 2005
E GABRIEL ANA /AU
E GABRIEL SAN /AU
E GABRIEL ANA SAN /AU
E MAEKAWA TAKAMI /AU
E MAEKAWA TAKAMI /AU

L1 16 S E3
E UNEYAMA HISAYUKI /AU
L2 106 S E3
L3 2 S L1 AND L2
L4 2 DUP REM L3 (0 DUPLICATES REMOVED)
E SAN GARBRIEL ANA /AU
L5 1 S GLUTAMIC (1W) ACID (1W) RECEPTOR (1W) PROTEIN
L6 254 S GLUTAMIC (1W) ACID (1W) RECEPTOR
L7 192 DUP REM L6 (62 DUPLICATES REMOVED)
L8 5 S L7 AND DNA
L9 3 S L8 AND CDNA
L10 2 S L9 AND EXPRESSION

=> d 18 1-5 ti py au so kwic

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Identification of gene expression profiles in rat ears with cDNA
microarrays
PY 2003
AU Lin, Jizhen; Ozeki, Masashi; Javel, Eric; Zhao, Zhenfen; Pan, Wei;
Schlentz, Eileen; Levine, Samuel
SO Hearing Research (2003), 175(1-2), 2-13
CODEN: HERED3; ISSN: 0378-5955
AB . . . and biol. pathways, many of which have previously not been
described. Transcription factor genes that were expressed included
inhibitors of DNA binding protein (Id). These were localized to
the spiral ganglion, organ of Corti and stria vascularis, and they are
possibly. . .
IT DNA microarray technology
(Atlas rat 1.2 array; identification of gene expression profiles in rat
ears with cDNA microarrays)
IT 50-67-9, Serotonin, biological studies 51-61-6, Dopamine, biological
studies 51-84-3, Acetylcholine, biological studies 56-12-2, GABA,
biological studies 56-85-9, L-Glutamine, biological studies 9024-58-2,
Glutamic acid decarboxylase 39379-15-2, Neurotensin
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(receptors and/or enzymes involved in biosynthesis of;
identification of gene expression profiles in rat ears with cDNA
microarrays)

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Human glutamic acid receptor-interaction
protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof
PY 2002
IN Mao, Yumin; Xie, Yi
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 38 pp.
CODEN: CNXXEV
TI Human glutamic acid receptor-interaction
protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof
AB The invention provides cDNA sequences of a novel human glutamic
acid receptor-interaction protein 1 sequence homolog
75.46 (mol. weight 75.46 kDa) cloned from human embryonic brain. The
invention also relates to constructing. . .
ST human protein GRIP17546 cDNA sequence; glutamic acid
receptor interaction protein 1 homolog 7546
IT Drugs
(GRIP1-75.46 gene or protein products as; human glutamic
acid receptor-interaction protein 1 sequence homolog
75.46 and its cDNA and therapeutic use thereof)
IT Drug delivery systems
(carriers; human glutamic acid receptor
-interaction protein 1 sequence homolog 75.46 and its cDNA and
therapeutic use thereof)
IT mRNA
RL: ANT (Analyte); ANST (Analytical study)
(expression detection of GRIP1-75.46; human glutamic
acid receptor-interaction protein 1 sequence homolog
75.46 and its cDNA and therapeutic use thereof)
IT Gene, animal
RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic
use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study);
BIOL (Biological study); USES (Uses)
(for glutamic acid receptor-interaction
protein 1 sequence homolog GRIP1-75.46, of human; human
glutamic acid receptor-interaction protein
1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)
IT cDNA sequences
(for glutamic acid receptor-interaction
protein 1 sequence homolog GRIP1-75.46; human glutamic
acid receptor-interaction protein 1 sequence homolog
75.46 and its cDNA and therapeutic use thereof)

IT Disease, animal
(functional disorder of phosphatidylinositol signal pathway, treatment using GRIP1-75.46 gene or protein products; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Signal transduction, biological
(functional disorder related to phosphatidylinositol, treatment using GRIP1-75.46 gene or protein products; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Microarray technology
(gene chip; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

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RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
(**glutamic acid receptor**-interaction protein 1 sequence homolog GRIP1-75.46, of human; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Escherichia coli

Eukaryota
(host; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Brain
(human embryonic, protein GRIP1-75.46 of; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT DNA microarray technology

Drug screening

Gene therapy

Genetic vectors

Human

Molecular cloning

Plasmid vectors

Viral vectors
(human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Primers (nucleic acid)

Probes (nucleic acid)
RL: ARG (Analytical reagent use); DGN (Diagnostic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Antisense oligonucleotides
RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Diagnosis
(mol.; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

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RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(monoclonal, to protein GRIP1-75.46; human **glutamic acid receptor**-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)

IT Animal cell line

Animal tissue.

IT . (normal or cancerous, GRIP1-75.46 mRNA expression detection in; human glutamic acid receptor-interaction protein
IT . 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)
IT Protein sequences
IT . (of glutamic acid receptor-interaction protein 1 sequence homolog GRIP1-75.46; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)
IT Antibodies and Immunoglobulins
IT RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
IT . (to protein GRIP1-75.46; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)
IT 478899-85-3P
IT RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
IT . (amino acid sequence; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)
IT 478899-84-2
IT RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
IT . (nucleotide sequence; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)
IT 478904-21-1 478904-22-2 478904-23-3 478904-24-4 478904-25-5
IT 478904-26-6
IT RL: PRP (Properties)
IT . (unclaimed nucleotide sequence; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)
IT 478811-00-6
IT RL: PRP (Properties)
IT . (unclaimed sequence; human glutamic acid receptor-interaction protein 1 sequence homolog 75.46 and its cDNA and therapeutic use thereof)
L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Molecular cloning of cDNA for glutamic acid
TI receptor of mouse cerebellum
PY 1993
2002
1996
IN Mishina, Masami
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
TI Molecular cloning of cDNA for glutamic acid
TI receptor of mouse cerebellum
AB The cDNA for glutamic acid receptor of mouse cerebellum is cloned, sequenced, and its entire 1464 amino acids deduced.
It can be used for study of. . .
IT Gene, animal
IT RL: BIOL (Biological study)
IT . (cDNA, for glutamic acid receptor of mouse cerebellum)
IT Protein sequences
IT . (of glutamic acid receptor of mouse cerebellum)
IT Brain, composition
IT . (cerebellum, mouse, cDNA for glutamic acid receptor of, cloning of)
IT Deoxyribonucleic acid sequences
IT . (complementary, for glutamic acid receptor of mouse cerebellum)

IT . 147258-43-3, Glutamic acid receptor (mouse cerebellum clone pAT4)
RL: PRP (Properties); BIOL (Biological study)
(amino acid sequence of and cloning of cDNA for)
IT 152618-81-0, DNA (mouse cerebellum clone pAT4 glutamic acid receptor cDNA)
RL: PRP (Properties); BIOL (Biological study)
(nucleotide sequence and cloning of)

L8 ANSWER 4 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Differential activation of murine herpesvirus 68- and Kaposi's sarcoma-associated herpesvirus-encoded ORF74 G protein-coupled receptors by human and murine chemokines.

PY 2004

AU Verzijl, Dennis; Fitzsimons, Carlos P.; Van Dijk, Marie; Stewart, James P.; Timmerman, Henk; Smit, Martine J. [Reprint Author]; Leurs, Rob
SO Journal of Virology, (April 2004) Vol. 78, No. 7, pp. 3343-3351. print.
ISSN: 0022-538X (ISSN print).

IT . . .

IT Diseases

gammaherpesvirus infection: viral disease
Herpesviridae Infections (MeSH)

IT Chemicals & Biochemicals
ORF-74 [open reading frame-74]; ORF-74 G protein-coupled receptor;
glutamic acid leucine receptor

ORGN . . .
Viruses; Microorganisms

Organism Name
Kaposi's sarcoma-associated herpesvirus (common) [Human herpesvirus 8 (species)]: pathogen
murine herpesvirus 68 (common): pathogen

Taxa Notes

Double-Stranded DNA Viruses, Microorganisms, Viruses

ORGN Classifier
Muridae 86375

Super Taxa
Rodentia; Mammalia; Vertebrata; Chordata; Animalia

Organism Name
mouse (common): host

Taxa. . .

L8 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Up-regulation of substance P and NMDA receptors in the preganglionic sympathetic neurons by direct stimulation of primary sensory terminals.

PY 1999

AU Ohtori, S. [Reprint author]; Chiba, T.; Ino, H.; Hayashi, F.
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 682. print.

Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami Beach, Florida, USA. October 23-28, 1999. Society for Neuroscience.

ISSN: 0190-5295.

IT . . .

nervous system; primary sensory terminals: nervous system; spinal cord:
nervous system

IT Chemicals & Biochemicals

NMDA receptors [N-methyl-D-aspartate receptors]: up-regulation;
glutamic acid receptors; mRNA [messenger RNA]: expression; substance P: up-regulation; substance P receptor

IT Methods & Equipment

Northern blot: Recombinant DNA Technology, analytical method,
detection/labeling techniques, gene mapping, molecular probe
techniques; in situ hybridization: analytical method, nucleic acid
labeling

IT Miscellaneous. . .

=> s 18 and cdna

L9 3 L8 AND CDNA